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RDX phytotoxicity was correlated to RDX accumulation in leaf rice.

818 Fluxes of N_2O, CH_4 and CO_2 in a meadow ecosystem exposed to elevated ozone and carbon dioxide for three years
T. Kanerva, K. Regina, K. Rämö, K. Ojanperä, S. Manninen

The soil fluxes of N_2O, CH_4 and CO_2 in a meadow ecosystem changed in response to elevated O_3 and CO_2 in an OTC experiment.

829 PAH-concentrations and compositions in the top 2 cm of forest soils along a 120 km long transect through agricultural areas, forests and the city of Oslo, Norway
H. Jensen, C. Reimann, T.E. Finne, R.T. Ottesen, A. Arnoldussen

PAH_{16} compositions in forest soils along a south–north transect through the city of Oslo are all of pyrogenic origin and sumPAH_{16} concentrations show a high local variability.

839 Toxic fluoride and arsenic contaminated groundwater in the Lahore and Kasur districts, Punjab, Pakistan and possible contaminant sources
A. Farooqi, H. Masuda, N. Firdous

Simultaneous As and F^- contamination of groundwater and possible pollutant sources are discussed.

850 Growth onset, senescence, and reproductive development of meadow species in mesocosms exposed to elevated O_3 and CO_2
K. Rämö, T. Kanerva, K. Ojanperä, S. Manninen

O_3 delayed the growth onset of meadow mesocosm plants and decreased their capacity for reproduction.

861 Non-destructive pollution exposure assessment in the European hedgehog (*Erinaceus europaeus*): IV. Hair versus soil analysis in exposure and risk assessment of organochlorine compounds
H. D'Havé, J. Scheirs, A. Covaci, N.W. van den Brink, R. Verhagen, W. De Coen

Hair is better than soil for exposure and risk assessment of PCBs and organochlorine pesticides in hedgehogs.

869 Gravitational infusion of ethylenediurea (EDU) into trunks protected adult European ash trees (*Fraxinus excelsior* L.) from foliar ozone injury
E. Paoletti, W.J. Manning, F. Spaziani, F. Tagliaferro

Trunk infusion of EDU prevented foliar ozone injury on sensitive trees.

874 Type 'A' and 'B' recovery revisited: The role of field-edge habitats for Collembola and macroarthropod community recovery after insecticide treatment
G.K. Frampton, P.J.L. Gould, P.J. van den Brink, E. Hendy

Collembola recolonisation differs among species; effectiveness of unsprayed crop edges as sources of arthropod recolonisation may depend on adjacent habitat.

884 Algal–bacterial interactions in metal contaminated floodplain sediments
M.E.Y. Boivin, G.D. Greve, J.V. García-Meza, B. Massieux, W. Sprenger, M.H.S. Kraak, A.M. Breure, M. Rutgers, W. Admiraal

Algal and bacterial communities in floodplain sediments are interlinked, but are not affected by metal pollution.

895 Modelling and field application of the Chemcatcher passive sampler calibration data for the monitoring of hydrophobic organic pollutants in water
B. Vrana, G.A. Mills, M. Kotterman, P. Leonards, K. Booij, R. Greenwood

The exchange kinetics of hydrophobic organic pollutants between passive sampler and water were modelled to enable the measurement of time weighted average concentrations of pollutants. The applicability of the model was tested in a field study.

905 Assimilation efficiencies of Cd and Zn in the common carp (*Cyprinus carpio*): Effects of metal concentration, temperature and prey type
K. Van Campenhout, L. Bervoets, R. Blust

Assimilation efficiency of Cd and Zn in food of carp is affected by metal load, prey type and temperature.

915 Comparison of lead residues among avian bones
A.L.M. Ethier, B.M. Braune, A.M. Scheuhammer, D.E. Bond

Variability in Pb concentrations among avian bones.

920 Radon as a naturally occurring tracer for the assessment of residual NAPL contamination of aquifers
M. Schubert, A. Paschke, S. Lau, W. Geyer, K. Knöller

The paper presents the theoretical concept and experimental results which confirm the applicability of naturally occurring radon for assessing residual NAPL contamination of aquifers.

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